

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

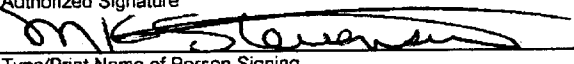
- ☒ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
- ☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
CITY OF LAKEPORT		LAKE	
Authorized Signature 		Title CITY ENGINEER	
Type/Print Name of Person Signing		Date	Phone () Include Area Code
M. K. STEVENSON		18-Dec-01	(707) 263-5614
Person Completing This Form (please print or type)		Title	
IREHNE E. DISHMAN		ADMINISTRATIVE ASSISTANT	
Affiliation:	CITY OF LAKEPORT		
Mailing Address	City	State	ZIP Code
225 PARK STREET	LAKEPORT	CALIFORNIA	95453
E-mail address srcetech@pacific.net			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1990	2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

In regard to the quantity, amount is more adequately documented by actual weights and self haul origin verification than that reported by the County of Lake. In regard to the diversion quantity, diversion programs at businesses not using the franchise provided programs were identified and counted.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 18.5%*	Diversion rate calculated using new generation-based study	b. 48.3 %
For existing base year pounds/person/day based on generation	8.41	For new generation based study pounds/person/day based on generation	11.3
Residential generation 60 %	Non-Residential Generation 40 %	Residential Unkn generation own %	Non-Residential Unkn generation own %
Population existing generation-based study	4390	Population new generation-based study	4558

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City of Lakeport is a commercial center for Lake County. The 1990 Base Year Data did not take into account all the wastes generated and diverted by businesses not using the Franchise Services or public diversion opportunities that were available at the time. The increase in the Lbs/person/day reflects the large commercial volume of wastes that are generated; private diversion efforts, driven by economics, are chiefly responsible for the large amounts and high percentages of materials being diverted.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Reasons for the diversion difference include: 1) Waste origin errors. 2) Inaccurate disposal quantity amounts. 3) Inaccurate waste generation amounts. 4) More accurate assessment of the quantity of materials diverted. 5) Improved diversion programs.

* 4.a. 1990 diversion rate = $100\% \left(\frac{1-5509}{6763} \right) = 18.5\%$

7. Disposal Tonnage: (enter values)		4891 Tons	
		Residential	Non-Residential
Please select the ONE choice below that best explains your disposal data and complete the required tables.			
<input type="checkbox"/> a. All tons claimed are from this Board's Disposal Reporting System (No explanation required. Go to Section 8.) <input type="checkbox"/> b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at http://www.cwrmb.ca.gov/central/forms/ymrmdg.doc) <input checked="" type="checkbox"/> c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at http://www.cwrmb.ca.gov/central/forms/ymrmdg.doc)			

* 8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (tons will perform all addition calculations). If any diversion is from recycled waste, please provide detailed Non-Residential waste information in Section 9.

* Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Total Generation	Percentage Recycled to Specific Material Type(s) (List operation with multiple materials in one box)	Specific diversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.cwrmb.ca.gov/central/forms/ymrmdg.doc					
Residential Activities:					
Source Reduction					
Backyard composting					
Gar recycling					
Other Residential source reduction (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Source Reduction	0				
Recycling					
Curbside Recycling					
Business centers					
Drop-off centers					

* See Attachment A

7. Disposal Tonnage (enter below):	3277	1814	4891
	Residential	Non-Residential	Total

Please select the ONE choice below that best explains your disposal data and complete the required tables.

☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.clwmb.ca.gov/LGCentral/Forms/rynmndrq.doc)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.clwmb.ca.gov/LGCentral/Forms/rynmndrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids (e.g., concrete, asphalt, dirt), white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Types that constitute waste/waste materials in this form	Percent Conservation Factors Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at www.clwmb.ca.gov/LGCentral/TransCOdes/Reduction.htm					
Residential Source Reduction Activities					
Backyard composting					
Grasscycling					
Other Residential Source Reduction (list each program separately)		0.0%			
Thrift Stores	188	2.0%	Misc. Items	Used most conservative figures in the 1999 Diversion Study Guide.	
Yard Sales	77	0.8%	Misc. Items	0.35 tons/yard sale - Diversion Study Guide 1999	
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	265	2.8%			
Residential Recycling Activities					
Curbside Recycling	1008	10.7%	Cardboard, Paper, Cans, Plastic, Glass, and Tires		Franchise Hauler
Buyback Centers	304	3.2%	Aluminum, Glass and Plastic		Buyback Center
Drop-off Centers	188	2.0%	Aluminum, Cardboard, Glass, Paper, Plastic & Scrap Metal		Timberline - percentage was taken for Lakeport

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation with multiple materials in same box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.cymb.ca.gov/LGCentral/Policy/CGS/Reduce.htm					
Other Residential Recycling (list each program separately)	(A)	(A/Total Generation)			
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal: Residential Recycling	1500	15.9%			
Residential Composting Activities					
Green Waste Drop-off	239	2.5%		Actual Tons	Timberline - percentage was taken for Lakeport
Grass/Green Waste	339	3.6%		Actual Tons	Franchise Hauler
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal: Residential Composting	578	6.1%			
Subtotal: Residential Diversion	2443	24.8%			
Non-Residential Source Reduction Activities					
Non-Residential Waste Audits	566	6.0%		See Section 3	See Section 3
Other Non-Residential Source Reduction (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal: Non-Residential Source Reduction	566	6.0%			

Diversion Activity	Actual tons (A)	Relative Percent to Total Generation (Artists Contribution)	Specific Material Type(s) if at operation with multiple materials (in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at www.ciwinnet.ca.gov/LGCentral/Pages/COdes/Recycle.htm					
Recycling					
Non-Residential Waste Auditor	1139	12.1%		See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	1139	12.0%			
Non-Residential Composting					
Non-Residential Waste Auditor	275	2.9%		See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	275	2.9%			
Subtotal Non-Residential Diversion	1990	20.9%			
Residential/Non-Residential Diversion Activities					
ADG					
Sludge					
Scrap Metal	241	2.5%			
Construction and Demolition					
Landfill Salvage					
Subtotal Residential/Non-Residential Diversion	241	2.5%			
Total Res/Non-Res Source Reduction Tons	831	8.5%			
Total Diversion Tons	4564	48.3%			
Total Disposal Tons from Sec. 7	4891	51.7%			
Total Generation Tons (Div+Dis)	9455				
Diversion Rate	48%				

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-Residential Generator	Audit Reference Number	Specific Major Diversion Activities (Include material type (e.g. paper, recycling, glass, etc.) and activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons / Total Generation Tons)	Survey Method (Phone (P), Mail (M), On-site (O), Other)
Grocery store	48	Bread, canned goods, pig food; cooking oil, meat waste, bones & fat, cardboard, plastic, misc. paper, food waste, damaged canned food, old produce	117.3	230.1	101.8	449.2	4.87	O
Grocery store	7	Misc. canned foods, damaged foods, bread, pig food; cardboard, plastic, cooking oil, bones & fat	31.3	374.9		406.2	4.12	O
Department store	23	Cardboard misc. paper		219.3		219.3	2.12	O
Public Agency	26	Green waste			57.0	57.0	0.58	O
Retail sales	35	White goods, toner cartridges	52.0	36.4		88.4	0.97	O
Public Agency	14	Green waste			83.3	83.3	0.97	O
Retail sales	41	Cardboard, plastic		55.2		55.2	0.62	P
Grocery Store	41	Plastic, dated food, green	6.2	42.0		48.2	0.57	O
Retail sales	43	White Goods		60.1		60.1	0.65	P
Public Agency	10	Grass clippings & leaves			32.8	32.8	0.34	O
		Totals	206.8	1018.0	274.9	1499.7	15.87	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling, quantified by monthly tonnage receipts provided by the contact person at the business)

* food waste; cardboard, paper, plastic, cooking oil, bones and fat
See the next page for the diversion quantification methodology.

2000 SOLID WASTE DIVERSION QUANTIFICATION METHODOLOGY

Quantification Methodology

1. Cardboard - Each of the major businesses has its own cardboard baling machine; there is no standard bale size and the bale weights vary from 300 lbs to 800 lbs, depending on the business. The business managers know the weight of a bale and the average number of bales that are produced over a given period of time. Cardboard is picked up from the businesses by OCC salvagers who sell the OCC to pulp mills. In some cases the actual weight of cardboard was provided.
2. Green Food Wastes - The weights of green food wastes and the frequency of generation are estimated by the store managers. The wastes are picked up almost daily by animal growers. Some green food wastes are composted by generator #48.
3. Cooking Oil - The cooking oil volumes and frequencies of generation are provided by the store managers. The volume is converted to a weight by using 7.45 lbs/gal which is a number provided by the Diversion Study Guide. Cooking oil is picked up by a rendering company.
4. Bones and Fat - The weight of bones and fat generated over a specific period of time is estimated by the store manager. Bones and fat are picked up by a rendering company.
5. Dated Foods and Food in Damaged Containers - The weights of the dated/damaged foods are estimated by the store managers. These items are donated, given to needy customers, used for animal food, and even sold to discount outlets.
6. Grass, Straw, and Leaves, - The weights for these materials are based on recorded volumes or by estimates of business managers. The volumes are converted to weights by using conversion factors provided in the Diversion Study Guide. The following conversion factors are used:

Straw in bales	24 lbs/ft ³
Grass clippings	280 lbs/yd ³
Leaves	343.7 lbs/yd ³

7. Appliances - The numbers of appliances and the frequency of generation were provided by the store managers. An average weight of 100 lbs per appliance was selected because 1) of the number of refrigerators involved (refrigerators are heavy), 2) a review of appliance weights shown in the Diversion Study Guide, 3) the need to be conservative with the estimated average unit weight, and 4) the experience of the manager. Some appliances are repaired and sold as used while others are sent to recycling.

General Note: All reported quantities and weights along with the name of the person providing the data are documented on the survey forms that were filled out when the

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.":

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Pull Down for Waste Types ▼			241
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note** : this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

if documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note** : Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

Board Meeting
June 18-19, 2002

Origin Survey - 2000

Agenda Item 48
Attachment 2a (Revised)

#	Type of Generator	Category	Source	Residential/non residential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight
1	Furniture Store			nonresidential	old furniture	source reduction - furniture is set outside for people to take	5.2	100 lbs/couch - manager's estimate	2 couches/week - manager's estimate
2	Distributor			nonresidential	misc. paper	recycled	20.8	manager's estimate	800 lbs/week
3	Bakery			nonresidential	left-over food	source reduction - given to community	0.5475	manager's estimate	3 lbs/day
4	Restaurant			nonresidential	cooking oil	recycled - rendering	6.018	7.45 lbs/gal.	2 yd ³ bin/every 3 mos.
5	Bank			nonresidential	misc. paper	recycled	2.9805	none	actual tonnage reported
5	Bank			nonresidential	toner cartridges	recycled	0.0005	manager's estimate	10/year @4 lbs each
6	Distributor			nonresidential	cardboard	recycled	20.8	manager's estimate	800 lbs/week
6	Distributor			nonresidential	plastic	recycled	0.52	manager's estimate	20lbs/week
6	Distributor			nonresidential	misc. food (dated material)	source reduction - sold to outlets	1.56	manager's estimate	60 lbs/week
6	Distributor			nonresidential	stale foods	source reduction - animal food	0.52	manager's estimate	20 lbs/week
7	Grocery Store			nonresidential	misc. food (dated material)	source reduction - sold or donated	3.2	manager's estimate	125 lbs/week
7	Grocery Store			nonresidential	cardboard	recycled	365	manager's estimate	2-1/2 bales/week @800 lbs/bale
7	Grocery Store			nonresidential	plastic	recycled	0.67	22.55 lbs/yd ³ - Diversion Study Guide	1-33 gal bag/day - manager's estimate
7	Grocery Store			nonresidential	food & damaged containers	source reduction - back hauled, resold, or donated	5.2	manager's estimate	200 lbs/week
7	Grocery Store			nonresidential	stale bread	source reduction - back hauled, sold or donated	1.82	manager's estimate	70 lbs/week
7	Grocery Store			nonresidential	cooking oil	recycled - rendering	2.682	7.45 lbs/gal - Diversion Study Guide	60 gal/month - manager's estimate
7	Grocery Store			nonresidential	food waste	source reduction - animal food	15.6	manager's estimate	600 lbs/week
7	Grocery Store			nonresidential	stale baked items	source reduction - animal food	5.475	manager's estimate	30 lbs/day
7	Grocery Store			nonresidential	bones & fat	recycled - rendering	6.5	manager's estimate	250 lbs/week

City of Lkpt-All Generators 2000
12/12/01

Board Meeting
June 18-19, 2002

City of Lakeport
Origin Survey - 2000

Agenda Item 48
Attachment 2a (Revised)

#	Type of Generator	Category	Source	Residential/non residential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that)	Quantification methodology used to calculate weight
30	Buy Back Center			residential	glass	recycled	121.92 none		actual tons
30	Buy Back Center			residential	plastic	recycled	6.32 none		actual tons
31	Furniture Store			nonresidential	used furniture	source reduction - furniture is set outside for people to take	7.8 manager's estimate		3 pcs/ week @100 lbs each
31	Furniture Store			nonresidential	carpeting	source reduction - donated	0.15 manager's estimate		2 rolls @150 lbs each
32	Grocery Store			nonresidential	food & damaged containers	source reduction - donated	1 manager's estimate		20 gal/month
32	Grocery Store			nonresidential	old bread	source reduction - donated	1.82 manager's estimate		70 lbs/week
34	Retail Sales			nonresidential	scrap metal	recycled	1.36 906 lbs/yd ³ - Diversion Study Guide		1 cu yd 3 times/year - manager's estimate
34	Retail Sales			nonresidential	wheel weights	recycled	0.7 manager's estimate		20 gal/year @70 lbs/gal
35	Public Agency			nonresidential	grass	composting	2.80 lbs/yd ³ - Diversion Study Guide		24 yds ³ /week for 6 months
35	Public Agency			nonresidential	leaves	composting	343.7 lbs/yd ³ - Diversion Study Guide		16 yds ³ /year
36	Retail			nonresidential	cardboard	recycled	26 manager's estimate		1000 lbs/ week
36	Retail			nonresidential	misc. paper	recycled	1.3 manager's estimate		mags. 50 lbs/week, cards 100 lbs/year
36	Retail			nonresidential	white goods	source reduction	0.5 manager's estimate		1000 lbs/year
36	Retail			nonresidential	outdated foods & coded boxes	source reduction	1.3 manager's estimate		50 lbs/week
36	Retail			nonresidential	green waste/plants	source reduction	1.3 manager's estimate		50 lbs/week
37	Retail			nonresidential	scrap metal	recycled	2 manager's estimate		1000 lbs, 4 times/year
37	Retail			nonresidential	wheel weights	recycled	1.2 manager's estimate		200 lbs/month
38	Retail			nonresidential	toner cartridges	recycled	1.04 manager's estimate		10/week, 4 lbs each
39	Restaurant			nonresidential	cooking oil	recycled - rendering	6 manager's estimate		1000 lbs/month

City of Lakeport All Generators 2000
12/12/01

Board Meeting
June 18-19, 2002

Origin Survey - 2000

Agenda Item 48
Attachment 2a (Revised)

#	Type of Generator	Category	Source	Residential/non residential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight
39	Restaurant			nonresidential	plastic buckets	source reduction	0.094 Guide	0.3 lbs/container - Diversion Study	10 to 15 containers/week - manager's estimate
40	Distributor			nonresidential	misc. paper	recycled	5.2 manager's estimate		200 lbs/week
41	Grocery Store			nonresidential	cardboard	recycled	31.2 manager's estimate		3 each 400 lb bales/week
41	Grocery Store			nonresidential	misc. paper	recycled	0.5 manager's estimate		20 lbs/ week
41	Grocery Store			nonresidential	newspaper	recycled	2.6 manager's estimate		100 lbs/week
41	Grocery Store			nonresidential	plastic	recycled	1.17 manager's estimate		45 lbs/week
41	Grocery Store			nonresidential	plastic buckets	source reduction	0.2 manager's estimate		10 lbs/week
41	Grocery Store			nonresidential	cooking oil	recycled - rendering	3.87 7.45 lbs/gal - Diversion Study Guide		20 gal/week - manager's estimate
41	Grocery Store			nonresidential	bones, fat, trim	recycled - rendering	2.6 manager's estimate		100 lbs/week
41	Grocery Store			nonresidential	old bread	source reduction - sold or donated	2.6 manager's estimate		100 lbs/week
41	Grocery Store			nonresidential	damaged or due date foods	source reduction - sold or donated	0.78 manager's estimate		30 lbs/week
41	Grocery Store			nonresidential	green food waste	source reduction - animal food	2.6 manager's estimate		100 lbs/week
42	Restaurant			nonresidential	cooking oil	recycled - rendering	2.235 7.45 lbs/gal - Diversion Study Guide		50 gal/month - manager's estimate
43	Retail			nonresidential	scrap metal - range hoods	recycled	0.1 manager's estimate		50 lbs/month - 10 at 5 lbs/unit
43	Retail			nonresidential	white goods	recycled	60 Guide 1999 (conservative average)		50 units/month - Diversion Study Guide
44	Thrift			residential	misc. items	source reduction	133.9 the Diversion Study Guide.		3348 ft ² x 0.04 tons/year/ft ²
45	Private Recycler			residential	paper	recycled	11 owner's records		actual tons
45	Private Recycler			residential	aluminum cans	recycled	0.6 owner's records		actual tons
46	Retail			nonresidential	white goods	recycled	7.5 manager's estimate		5 to 6 units/month @250 lbs/each

City of Lkpt-All Generators 2000
12/12/01

Board Meeting
June 18-19, 2002

City of Lakeport
Origin Survey - 2000

Agenda Item 48
Attachment 2a (Revised)

Page 6

#	Type of Generator	Category	Source	Residential/non-residential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight
47	Retail			nonresidential	misc. paper	composted	0.208	8 lbs/32 gal - Diversion Study Guide	32 gal/week - manager's estimate
48	Grocery Store			nonresidential	cardboard	recycled	202.14481	none	actual tons
48	Grocery Store			nonresidential	plastic	recycled	4.61032	none	actual tons
48	Grocery Store			nonresidential	old food	source reduction - pig farmers	73	manager's estimate	400 lbs/day
48	Grocery Store			nonresidential	cooking oil	recycled - rendering	3.874	7.45 lbs/gal - Diversion Study Guide	80 gal/month - manager's estimate
48	Grocery Store			nonresidential	damaged or due date foods	composting	0.78	manager's estimate	30 lbs/week
48	Grocery Store			nonresidential	meat waste bones & fat	recycled - rendering	19.5052	none	actual tons
48	Grocery Store			nonresidential	bread	source reduction	7.8	manager's estimate	300 lbs/week
48	Grocery Store			nonresidential	produce	composted	101.0724	none	actual tons
48	Grocery Store			nonresidential	food outside code date	source reduction - donated	36.5	manager's estimate	200 lbs/day
49	Thrift			residential	misc. items	source reduction	53.6	Study Guide 1999	1339 ft ² - 0.04 tons/year/sq ft
50	Retail			nonresidential	white goods	recycled	36.4	manager's estimate	14/week @100 lbs each
50	Retail			nonresidential	used white goods	source reduction-repaired & resold	52	manager's estimate	20/week @100 lbs each
50	Retail			nonresidential	toner cartridges	recycled	0.012	manager's estimate	12/year
51	Restaurant			nonresidential	cooking oil	recycled - rendering	3.0433	7.45 lbs/gal - Diversion Study Guide	55 gals/3 to 4 weeks - manager's estimate
52	Self-haul Drop-off			residential	aluminum	recycled	12.8	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off			residential	cardboard	recycled	69.9	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off			residential	glass	recycled	35.1	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off			residential	mixed paper	recycled	59.9	none	actual weights by Timberline - percentage was taken for Lakeport

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#	Type o Generator	Category	Source	Residential/no residential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight
8	Restaurant			nonresidential	cooking oil	recycled - rendering	2.4	7.45 lbs/gal - Diversion Study Guide	100 gal every 2 months - manager's estimate
9	Retail			nonresidential	rubber boots	source reduction - donated	15	manager's estimate	30,000 lbs/year (one-time donation)
9	Retail			nonresidential	unsold clothing	source reduction - donated	0.25	manager's estimate	500 lbs/year
10	Public Agency			nonresidential	leaves	composting - mulch compost pile	30.41	343.7 lbs per cubic yard for dry leaves- Diversion Study Guide 1999	177 cu yds of leaves/year - manager's estimate
10	Public Agency			nonresidential	grass	composting - mulch compost pile	2.4	280 lbs per cubic yard Diversion Study Guide 1999	17 cu yds of grass/year - manager's estimate
11	Thrift			nonresidential	miscellaneous	source reduction - materials exchange	49.8	Used most conservative figures in the 1999 Diversion Study Guide.	1245 sq ft of floor @ 0.04 tons/year/sq ft 100 lbs every three weeks of documents
12	Service Company			nonresidential	paper	recycled	0.86666	manager's estimate	
12	Service Company			nonresidential	paper	source reduction - donated	0.15	manager's estimate	300 lbs/year of books & maps
13	Furniture Store			nonresidential	used furniture	source reduction - furniture is set outside for people to take	7.26	60 lbs/piece - Diversion Study Guide 1999, average from the furniture listed	2 pcs/year donated; 20 pcs/month left behind store to be taken
14	Retail			nonresidential	plastic	recycle	0.65	manager's estimate	25 lbs/week
14	Retail			nonresidential	cardboard	recycled - back hauled	54.6	manager's estimate	3.5/600 lb bales/week
15	Distributor			nonresidential	cardboard	source reduction - reuse for product distribution	52.5	manager's records	84,000 bxs/year; 140 bxs/bale; wt./bale = 175 lbs, 600 bales/year
15	Distributor			nonresidential	scrap metal (shelves)	recycled - picked up by salvager.	1.5	manager's estimate	3000 lbs/year
15	Distributor			nonresidential	food waste	source reduction - used for animal food	3.1	manager's estimate	120 lbs/week
16	Thrift			nonresidential	miscellaneous	materials exchange	77.6	Diversion Study Guide - used most conservative figure	1941 sq ft of floor @ 0.04 tons/year/sq ft
18	Retail Sales			nonresidential	motorcycle engines	source reduction	0.75	actual - per manager	1500 lbs total donated to Voc. Ed. Class
18	Retail Sales			nonresidential	jet ski engines	source reduction	0.11	actual - per manager	220 lbs total donated to Voc. Ed. Class
19	Thrift			nonresidential	miscellaneous	source reduction	183.6	Diversion Study Guide - used the most conservative figure	4590 sq ft of floor @ 0.04 tons/year/ft²
20	Service Company			nonresidential	misc. paper and micro materials	recycling	81.05	actual tons	actual tons

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#	Type of Generator	Category	Source	Residential/nonresidential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that)	Quantification methodology used to calculate weight
22	Restaurant			nonresidential	food oil	recycling - rendering	22.35	7.45 lbs/gal - Diversion Study Guide	1000 gal every 2 months - manager's estimate
23	Retail			nonresidential	cardboard	recycled	218.4	manager's estimate	8400 lbs/week
23	Retail			nonresidential	misc. paper	recycled	0.9009	77 lb/gal - Diversion Study Guide	45 gal/week - manager's estimate
24	Retail			nonresidential	cardboard	recycled	1.3	manager's estimate	50 lbs/week
25	Bank			nonresidential	paper	recycled	1.3	manager's estimate	50 lbs/week
25	Bank			nonresidential	toner cartridges	recycled	0.075	manager's estimate	100 cartridges each year @ 1.5 lbs each
26	Public Agency			nonresidential	green waste	composting	57	none	actual weight
27	Printing			nonresidential	aluminum	recycled	7.5	none	actual weight
27	Printing			nonresidential	litho film	recycled	1.395	none	actual weight
28	Service Company			nonresidential	newspaper	source reduction -- donated	0.2	manager's estimate	400 lbs/year
28	Service Company			nonresidential	toner cartridges	recycled	0.036	manager's estimate	3 per month @ 2 lbs each
29	Franchise			residential	cardboard	recycled	438.14	none	actual tons
29	Franchise			residential	paper	recycled	501.05	none	actual tons
29	Franchise			residential	cans	recycled	21.16	none	actual tons
29	Franchise			residential	plastic	recycled	9.76		actual tons
29	Franchise			residential	green waste	composting	338.57	none	actual tons
29	Franchise			residential	glass	recycled	12.6	none	actual tons
29	Franchise			residential	tires	recycled in Orland	25.1	none	actual tons - to Orland
30	Buy Back Center			residential	aluminum	recycled	47.01	none	actual tons

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